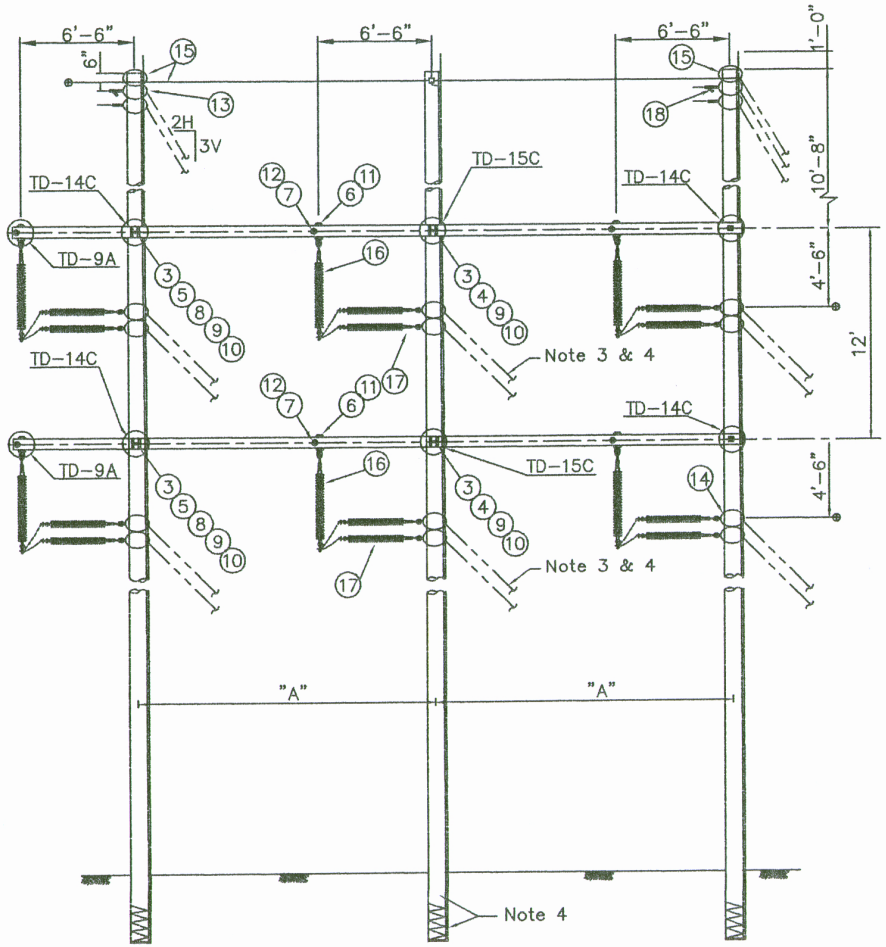

LIST OF MATERIALS

DWG. REF.	QTY.	DESCRIPTION	ITEM	DET.	CODE No.
1	2	X-Arm, 3-5/8"x9-3/8"x req'd l., #90	g	TCD-92	
2	2	X-Arm, 3-5/8"x9-3/8"x req'd l., #91	g	TCD-92	
3	8	Plate, Ribbed Tie, 3"x9-1/2"x1/4"			
4	2	7/8" Threaded Rod, w/2 nuts			
5	4	7/8" Bolt, Machine, by req'd length	c		
6	6	3/4" Bolt, Shoulder Eye w/Washer Nut	o		
7	6	1/2" Bolt, Washer Head, w/Washer Nut	c		
8	4	Washer, Curved,4"sq x1/4"x15/16" hole	d		
9	6	Washer, Spring, 15/16" hole	aw		
10	6	7/8" Locknut, MF Type	ek		
11	6	3/4" Locknut, MF Type	ek		
12	6	1/2" Locknut, MF Type	ek		
13	2	GUY ATTACHMENT, MEDIUM DUTY	–	TG26D	
14	12	GUY ATTACHMENT, MEDIUM DUTY	–	TG26D	
15	1	POLE TIE, GUYING, MEDIUM DUTY	–	TG-56F	
16	6	INSULATOR ASSEMBLY, TANGENT	–	TM_5B	
17	12	INSULATOR ASSEMBLY, DEADEND	–	TM_5E	
18	4	OHGW ASSEMBLY, DEADEND	–	TM-4E	

NOTES:

1. For an OHGW guy slope of 3V to 2H, the following minimum pole spacings are recommended:

LINE ANGLE	DIMENSION "A"
to 50° Max.	17'-0"
50° to 60° Max.	18'-0"
60° to 70° Max.	19'-6"
70° to 80° Max.	21'-6"
80° to 90° Max.	23'-6"

2. Drawing TE-2 gives guidance to subassembly alternatives.
3. For guying arrangements, see drawing TMG-15. A bisector guy is recommended for angles less than 60 degrees.
4. The following materials are to be specified on the plan and profile drawings and staking sheets: POLES, POLE GROUNDING ASSEMBLY, GUYING ASSEMBLIES, ANCHORS, AND ANY ADDITIONAL GROUNDING OR POLE FOUNDATION UNITS.

PATTERSON AND ELLETT

TRANSMISSION LINE STRUCTURE

138 KV DOUBLE CIRCUIT
LARGE ANGLE DOUBLE DEADEND

NO.	REVISION	DATE

DTH-15

NAME: G:\BV\Mexico\ACAD\ DTh15.dwg DATE: MAY 02, 2000 TIME: 10:01 AM